Response to Pre-Bid Queries

PROCUREMENT, CONSTRUCTION AND COMMISSIONING OF RISING MAIN, MAIN SEWERS AND LATERALS INCLUDING MACHINE HOLES FOR BYATARAYANAPURA ZONE (ITEM RATE) IN 110 VILLAGE AREAS (Phase II) UNDER KARNATAKA WATER SECURITY AND DISASTER RESILIENCE PROGRAM (KWSDRP) - (Contract Package No. BWSSB CE-P/KWSDRP/WBS-II-B)

Sr. No.	Vol.No. / Pg. No.	Description	Query	Reply
1	Volume-1/Page 12 of 111	(i) Construction Experience-Sewerline The tenderer must have experience in the role of Prime Contractor (Single entity or JV member)/Management Contractor for Procurement and construction of sewerline with a minimum diameter of 200mm dia. & above DWC/RCC/DI sewer lines of minimum length of sewer 69 Km in any one year during the last 5 year as on date of bid submission.	We would like to bring to your attention that only a limited number of bidders are currently able to qualify under the existing criteria. The specific requirements, particularly regarding the construction experience, are preventing several competent bidders from meeting the overall qualification standards. As per the CPHEEO and prevailing in all states, uPVC pipes are being used upto 250 mm diameter. DWC pipes and CI Pipes are being used beyond 250 mm diameter in sewer networks. Hence, we request you to consider uPVCand CI experience also in addition to DWC/RCC/DI construction of pipeline. Please confirm.	For Experience purpose, CI pipeline construction will also be considered. Please refer Addendum No: 1
2	Volume-1/Page 12 of 111	(ii) Construction Experience-DI Pipeline The Tenderer should have experience in the role of prime contractor(single entity or JV member) Management contractor for procurement, construction and completion of DIK-9 Pipeline of 2.4km in any One year during the last Five (5) year as on date of Bid Submission.	We would like to bring to your attention that only a limited number of bidders are currently able to qualify under the existing criteria. The specific requirements, particularly regarding the construction experience, are preventing several competent bidders from meeting the overall qualification standards. As per the CPHEEO and prevailing in all states, CI Pipes are being used in pumping mains of sewer networks Hence, we request you to consider CI experience also in addition to DI construction of pipeline. Please confirm.	For Experience purpose, CI pipeline construction will also be considered. Please refer Addendum No: 1
3	Volume-1/Page 12 of 111	(vi)Construction Experience Trenchless Works The tenderer must have experience in the role of Prime Contractor (Single entity or JV member)/Management Contractor for executing Trenchless work of minimum 900mm dia meter and aboveMSCasingpipeof108min any one year during the last 5 year as on date of Bid Submission.	We would like to bring to your attention that only a limited number of bidders are currently able to qualify under the existing criteria. The specific requirements, particularly regarding the construction experience, are preventing several competent bidders from meeting the overall qualification standards. In light of this, we respectfully request that you consider permitting bidders to submit a Memorandum of Understanding (MoU) with a specialist subcontractor who meets the required qualifications. We believe this approach would promote fair competition and enable capable teams to participate more effectively. Kindly confirm.	Tender Conditions Prevails
4	Advance Payment in Contract Data Page 104 of 111	The total amount of mobilization advance payment is 10 Percent of works contract price in two equal instalments The Employer will make payment of the first instalment 5 Percent of the Mobilization advance only after Contractor has fulfilled the various conditions	Advance payment to be interest free Please clarify	As per Conditions of Contract Clause 42.1, Interest will not be charged on the advance payment.
5	Drawings of the various structures	Drawings of the various structures	We request the BWSSB to upload the necessary drawings Area Map Line Layout Plan Valve Drawings Thrust Block Drawings Longitudinal Section	All the required documents /drawings required for bidding requirement are already included in the Tender documents. Post award of Contract, on completion of confirmatory topographical survey by the selected tenderer, Sewerline related drawings will be issued as per Contract Conditions.
6	Typical Drawing	Typical drawing of pipe bedding or encasing The width of concrete in all types of bedding is mentioned 1 Point 25 BC or BC Plus 200 Minimum	We request the BWSSB to please clarify the same whichever is to be considered for measurement	As per Clause-1.12,Part- 11, of Volume-2 Section-7, the minimum width of the trench shall be 600mm.
7	Geo Technical Reports	Geo Technical Reports of the proposed pipeline alignment	We request the BWSSB to provide Soil Strata Report of proposed Pipeline alignment	Upon finalization of the work, the contractor need to carry out the geotechnical investigation along the alignment as per site requirement in accordance with Clause-1.4,Part- 1, of Volume-2 Section-7. In the BOQ, provision is made for excavation in different strata.
8	Intended Completion Date in Contract Data Page 99 of 111	The Project Period will be of 30 Months	By considering tough Milestone mentioned in the Contract Data and huge volume of work we request the BWSSB to please consider for 42 Months Project Period	Tender Conditions Prevails
9	Liquidated Damages in Contract Data Page 104 of 111	The liquidated damages for the whole of the works are Rupees 0 1 Zero Point One Percent per day of the unfinished works The maximum amount of delay damages for the works Ten Percent of Works Contract Price	We request the BWSSB to keep delay damages for the whole of the works are Rupees 0.1 (Zero Point One) Percent per day of the unfinished works The Maximum amount of delay damages for the works should be 5 Percent of works contract price Please consider	Tender Conditions Prevails
10	Particular Construction Experien	Experience in Key Activities Item b iv v	The same seems to be repeated Hence we request the BWSSB to be deleted	Under Clause 3.1.2 of Particular Construction Experience, 3.1.2.(iv) & (v) are deleted, since it is repeated.

Team Leader
PMC : TCE - NJSEI (JV) Consultants
KWSDRP - BWSSB

CE (Project)
BWSSB

Response to Pre-Bid Queries

PROCUREMENT, CONSTRUCTION AND COMMISSIONING OF RISING MAIN, MAIN SEWERS AND LATERALS INCLUDING MACHINE HOLES FOR BYATARAYANAPURA ZONE (ITEM RATE) IN 110 VILLAGE AREAS (Phase II) UNDER KARNATAKA WATER SECURITY AND DISASTER RESILIENCE PROGRAM (KWSDRP) - (Contract Package No. BWSSB CE-P/KWSDRP/WBS-II-B)

Sr. No.	Vol.No. / Pg. No.	Description	Query	Reply
11	Particular Construction Experience Page 13 of 111	b Experience in key Activities The Tenderers shall provide evidence that it has a minimum experience in the following key activities vi Experience in Terminal or Intermediate Sewage Pumping Station The Tenderer as a sole entity or a Lead Partner or a Partner in a Joint Venture shall have successfully executed contracts which includes complete design procurement supply installation Construction Testing and commissioning of all civil mechanical electrical and instrumentation works of minimum 1 No Terminal or Intermediate Sewage Pumping Station of 5MLD in last 5 years as on date of bid submission	We request the BWSSB to please consider any Pumping Station instead of Sewage Pumping Station	Tender Conditions Prevails
12	Particular Construction Experience Page 14 of 111 Note Serial No 3	The experience certificates shall demonstrate the scope of the tenderers and shall include complete design procurement supply installation construction testing and commissioning of all civil mechanical electrical and instrumentation works	Since there is no item of ISPS in BOQ we request the BWSSB to please delete Serial No 3 under Note mentioned on Page 14 of 111 of tender documents	Tender Conditions Prevails
13	Particular Construction Experience Page No 12 of 111	b Experience in key activities The Tenderers shall provide evidence that it has a minimum experience in the following key activities i Construction Experience Sewer line The tenderer must have experience in the role of Prime Contractor Single entity or JV member or Management Contractor for procurement and construction of sewer line with a minimum diameter of 200mm diameter and above DWC RCC DI sewer lines of minimum length of sewer 69 km in any one year during the last 5 year as on date of bid submission	We request the BWSSB to modify this condition as b Experience in Key Activities The Tenderers shall provide evidence that it has a minimum experience in the following activities i Construction Experience Sewer line or Water Pipeline The tenderer must have experience in the role of Prime Contractor Single entity or JV Member or Management Contractor for procurement and construction of Sewer line or Water Pipeline with a minimum diameter of 200mm diameter and above DWC RCC DI Sewer line or Water Pipeline of minimum length of 69 km in any one year during the last 5 years as on date of bid submission	Tender Conditions Prevails
14	Payment Terms in Contract Data Page 101 of 111	For Pipeline 60 Percent after supply of pipes to site of work 20 Percent Upon Completion of laying and jointing of pipes 10 Percent Upon completion of Hydraulic Testing of Sewer line 10 Percent Upon successful commissioning of pipeline and certification from Engineer in Charge	Please bifurcate payment terms for pipelines and jacking pipes as follows for making good cash flow and good progress of works 70 Percent After Supply of Pipes to site of work 20 Percent Upon completion of laying and jointing of pipes 5 Percent Upon Completion of Hydraulic Testing of sewer line 5 Percent Upon Successful commissioning of pipeline and certificate from Engineer in Charge	Tender Conditions Prevails
15	Payment Terms in Contract Data Page 101 of 111	There is no payment terms for Valves Specials	Please add Payment terms for Valve Specials as For all Specials 70 Percent of the payment should be made only after supplying and 20 Percent laying fixing at site 5 Percent after Hydraulic Testing and balance 5 Percent after commissioning	Tender Conditions Prevails
16	Plain Cement Concrete Bedding BOQ Item Serial No 55 and 69	Providing and laying in position plan cement concrete bedding for levelling course for all works in foundation The granite or trap or basalt crushed graded coarse aggregates and fine aggregates as per relevant IS codes Machine mixed laid in layers not exceeding 150mm thickness well compacted using plate vibrators including all lead and lifts cost of all materials of quality labor usage charges of machineries curing and ll the other appurtenances required to complete the work as per technical specifications The cost of steel reinforcement and form work shall be paid separately Mix 1: 2: 4 using 20mm nominal size graded crushed coarse aggregates pipeline encasement for Anchor Thrust Block and Pipe Bedding	It is mentioned that the cost of steel reinforcement and form work shall be paid separately while going through the BOQ The item of Form Work is not found and the quantity of steel reinforcement mentioned in item No 56 are very less 77 Point 02 MT Please Clarify	Tender Conditions Prevails
17	Price Adjustment in Contract Data Page 101 of 111	Price Adjustment for PVC Pipes	Please incorporate Formula for Price Adjustment Payment for PVC Pipes	Tender Conditions Prevails
18	Security Deposit Page No27 of 111 Clause No 29 1	Within 20 days of receipt of the Latter of Acceptance the successful tenderer shall deliver to the Employer a Security Deposit in any of the Forms given below for an amount equivalent to 5 Percent of the works contract price excluding O and M Price during construction period Plus additional security for unbalanced tenders in accordance e with clause 25 5 of ITT and Clause 44 of the conditions of Contract Tenderer is required to submit the security deposit amount equivalent to 5 Percent of total O and M Price for 10 years at the start of O and M period	Since in this tender O and M provision is not in the scope of work Hence Security Deposit against O and M is not applicable Please clarify	As O & M is not applicable, within 20 days of receipt of the Latter of Acceptance the successful tenderer shall deliver to the Employer a Security Deposit in any of the Forms as per Tender conditions for an amount equivalent to 5 Percent of the works contract price plus additional security for unbalanced tenders in accordance with clause 25.5 of ITT and Clause 43 of the conditions of Contract.

Team Leader
PMC : TCE - NJSEI (JV) Consultants
KWSDRP - BWSSB

CE (Project)
BWSSB

Response to Pre-Bid Queries

PROCUREMENT, CONSTRUCTION AND COMMISSIONING OF RISING MAIN, MAIN SEWERS AND LATERALS INCLUDING MACHINE HOLES FOR BYATARAYANAPURA ZONE (ITEM RATE) IN 110 VILLAGE AREAS (Phase II) UNDER KARNATAKA WATER SECURITY AND DISASTER RESILIENCE PROGRAM (KWSDRP) - (Contract Package No. BWSSB CE-P/KWSDRP/WBS-II-B)

Sr. No.	Vol.No. / Pg. No.	Description	Query	Reply
19	Technical Specification Part 11 8 of Volume 2 Section 7	1 12 Width of Trench The maximum width of trench excavation should be as per relevant Indian Standards for Pipe laying or outer diameter of the pipe Plus 0 Point 3m whichever is lower and only such widths shall be taken into account of computing quantities for payment However the minimum width of the trench shall be 600mm	We request the BWSSB to keep the minimum width of trench outer diameter of pipe Plus 0 Point 6m to maintain ease of pipe laying activities during execution as well as during maintenance of pipeline	As per Clause-1.12,Part- 11, of Volume-2 Section-7, the minimum width of the trench shall be 600mm.
20	Units of various Items	Units of various Items	Instead of RM we request the BWSSB to correct the same as Number	Tender Conditions Prevails
21	Page 12 of 111 - Clause No.3.1.2 - Particular Construction Experience	(b) Experience in Key Activities: The Tenderers shall provide evidence that it has a minimum experience in the following key activities, (i) Construction Experience- Sewer line The tenderer must have experience in the role of Prime Contractor (Single entity or JV member)/Management Contractor for Procurement and construction of sewer line with a minimum diameter of 200 mm dia. & above DWC/RCC/DI sewer lines of minimum length of sewer 69 Km in any one year during the last 5 year as on date of bid submission.	We request the BWSSB to modify this condition as - (b) Experience in Key Activities: The Tenderers shall provide evidence that it has a minimum experience in the following key activities, (i) Construction Experience- Sewerline/ Water Pipeline The tenderer must have experience in the role of Prime Contractor (Single entity or JV member)/Management Contractor for Procurement and construction of Sewerline/ Water Pipeline with a minimum diameter of 200 mm dia. & above DWC/RCC/DI Sewerline/ Water Pipeline of minimum length of sewer 69 Km in any one year during the last 5 year as on date of bid submission.	Tender Conditions Prevails
22	Page 13 of 111 - Clause No.3.1.2 - Particular Construction Experience	Experience in Key Activities: Item (b) (iv) (v)	The same seems to be repeated. Hence, request the BWSSB to be deleted.	Under Clause 3.1.2 of Particular Construction Experience, 3.1.2.(iv) & (v) are deleted, since it is repeated.
23	Page 13 of 111 - Clause No.3.1.2 - Particular Construction Experience	(b) Experience in Key Activities: The Tenderers shall provide evidence that it has a minimum experience in the following key activities, (vi) Experience in Terminal/Intermediate Sewage Pumping Station The Tenderer as a sole entity or a Lead Partner or a Partner in a Joint Venture shall have successfully executed contracts(s) which includes complete Design, Procurement, Supply, Installation, Construction, Testing and Commissioning of all Civil, Mechanical Electrical, and Instrumentation Works of Minimum 1 No. Terminal/Intermediate Sewage Pumping Station of 5 MLD in last Five (5) Years as on date of bid submission.	We request the BWSSB to please consider, any Pumping Station instead of Sewage Pumping Station.	Tender Conditions Prevails
24	Page 14 of 111 Clause 3.1.2 - Particular Construction Experience	It is mentioned vide Serial No 3 under Note on Page No14 of 111 that that the experience certificates shall demonstrate the scope of the Tenderers and shall include complete design, procurement, supply, installation, construction, testing and commissioning of all civil, mechanical, electrical and instrumentation works	Since there is no item of ISPS in BOQ, we request the BWSSB to please delete Serial No 3 under Note as mentioned on Page 14 of 111 of tender document	Tender Conditions Prevails
25	Page27 of 111 - Clause No.29.1 - Psecurity Deposit	Within 20 days of receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Employer a Security deposit in any of the forms given below for an amount equivalent to 5% of the Works Contract Price (excluding O&M Price during construction period) plus additional security for unbalanced tenders in accordance with Clause 25.5 of ITT and Clause 44 of the Conditions of Contract. Tenderer is required to submit the security deposit amount equivalent to 5% of total O&M Price for 10 years at the start of O&M period.	Since in this tender, O & M provision is not in scope of work. Hence, Security Deposit against O & M is not applicable. Please clarify.	As O & M is not applicable, within 20 days of receipt of the Latter of Acceptance the successful tenderer shall deliver to the Employer a Security Deposit in any of the Forms as per Tender conditions for an amount equivalent to 5 Percent of the works contract price plus additional security for unbalanced tenders in accordance with clause 25.5 of ITT and Clause 43 of the conditions of Contract.
26	Page 99 of 111 - Intended Completion Date - contract data	The project period will be of 30 Months	By considering tough Milestone mentioned in the Contract Data and huge volume of work, we request the BWSSB to please consider for 42 Months Project period.	Tender Conditions Prevails
27	Price Adjustment Formula - Page No.101 of 111 - Contract Data	Price Adjustment for PVC Pipes	Please incorporate Formula for Price adjustment payment for PVC Pipes.	Tender Conditions Prevails
28	Page 104 of 111 - Liquidated Damages - Contract data	The liquidated damages for the whole of the works are Rupees 0. 1 (Zeero Point One) Percent per day of the Unfinished works. The maximum amount of delay damages for the works - Ten Percent of Work Contract Price	Request the BWSSB to keep delay damages for the whole of the works are Rupees 0.1 (Zeero Point One) Percent per day of the unifinished works. The maximum amount of delay damages for the works should be 5 Percent of works contract price. Please consider.	Tender Conditions Prevails
29	Page 104 of 111 - Advance payment contract data	The total amount of Mobilization Advance Payment is 10% of Works Contract Price in two equal instalments. The Employer will make payment of the first instalment (5%) of the mobilization advance only after the Contractor has fulfilled the various conditions.	Advance payment to be Interest free. Please clarify	As per Conditions of Contract Clause 42.1, Interest will not be charged on the advance payment.

Team Leader
PMC : TCE - NJSEI (JV) Consultants
KWSDRP - BWSSB

CE (Project)
BWSSB

Response to Pre-Bid Queries

PROCUREMENT, CONSTRUCTION AND COMMISSIONING OF RISING MAIN, MAIN SEWERS AND LATERALS INCLUDING MACHINE HOLES FOR BYATARAYANAPURA ZONE (ITEM RATE) IN 110 VILLAGE AREAS (Phase II) UNDER KARNATAKA WATER SECURITY AND DISASTER RESILIENCE PROGRAM (KWSDRP) - (Contract Package No. BWSSB CE-P/KWSDRP/WBS-II-B)

Sr. No.	Vol.No. / Pg. No.	Description	Query	Reply
30	Page 101 of 111 - Payment Terms in contract data	For Pipelines 60% After supply of pipes to site of work 20% Upon Completion of laying & jointing of pipes 10% Upon Completion of Hydraulic testing of Sewer line 10% Upon Successful commissioning of pipeline and certification from Engineer-in-Charge.	Please bifercate payment terms for pipelines and jacking pipes as follows for making good cash flow and good progress of work. 70% After supply of pipes to site of work 20% Upon Completion of laying & jointing of pipes 5% Upon Completion of Hydraulic testing of Sewer line 5% Upon Successful commissioning of pipeline and certification from Engineer-in-Charge.	Tender Conditions Prevails
31	Page 101 of 111 - Payment Terms in contract data	Please add the payment terms for Valves, Specials as -	For all specials 70 Percent of the payment should be made only after supplying and 20 Percent laying fixing at site and balance 5 Percent after Hydraulic testing and 5 Percent aftercommissioning.	Tender Conditions Prevails
32	BOQ Item Sl No.55 and 69	Item Description: Providing and laying in position plain cement concrete bedding for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates, (Pipeline encasement), for Anchor, Thrust Block and Pipe Bedding.	It is mentioned that, the cost of steel reinforcement and form work shall be paid separately, while going through the BOQ, the item of Form work is not found and the quantity of steel reinforcement mentioned in Item No.56 are very less (77.02 MT). Please clarify.	Tender Conditions Prevails
33	BOQ Sl No 24, 26, 28, 30, 32, 34, 36, 38, 40	Units of various items	Instead of Rmtr, we request the BWSSB to correct the same as No.	Units in the BOQ of Sl No 24, 26, 28, 30, 32, 34, 36, 38, 40 remains the same.
34	Part - 11 - 8 of Volume 2/ Section 7 - Technical Specifications	1.12 Width of Trench - The maximum width of trench excavation shall be as per relevant Indian standards for pipe laying or outer dia of the pipe + 0.3 m whichever is lower and only such widths shall be taken into account for computing quantities for payment. However, the minimum width of the trench shall be 600 mm.	We request the BWSSB to keep the minimum width of trench outer dia of pipe + 0.6 M, to maintain ease of pipe laying activities during execution as well as during maintenance of pipeline.	As per Clause-1.12,Part- 11, of Volume-2 Section-7, the minimum width of the trench shall be 600mm.
35	Genaral	Typical drawing of pipe bedding / encasing - The width of concrete in all types of bedding is mentioned 1.25 BC or BC+200 (Minimum).	We request the BWSSB to clarify the same, whichever is to be considered for measurement.	As per Clause-1.12,Part- 11, of Volume-2 Section-7, the minimum width of the trench shall be 600mm.
36	Genaral	Drawing of the various structures	We request to the BWSSB to upload the necessary Drawings Area Map Line, Layout Plan, Valve Drawings, Thrust Block Drawings, Longitudinal Section, etc	All the required documents /drawings required for bidding requirement are already included in the Tender documents. Post award of Contract, on completion of confirmatory topographical survey by the selected tenderer, Sewerline related drawings will be issued as per Contract Conditions.
37	Genaral	Geo technical Report of Pipeline alignment	We request the BWSSB to provide Soil Strata Report of Pipeline alignment	Upon finalization of the work, the contractor need to carry out the geotechnical investigation along the alignment as per site requirement in accordance with Clause-1.4,Part- 1, of Volume-2 Section-7. In the BOQ, provision is made for excavation in different strata.

Team Leader
PMC : TCE - NJSEI (JV) Consultants
KWSDRP - BWSSB

GE (Project)
BWSSB